## Claim Amendments

1. (Currently Amendment) A method for generating cool air, comprising:

contacting a wastewater with a superabsorbent polymer;

allowing the superabsorbent polymer and the wastewater to interact until substantially all of the wastewater is absorbed by the superabsorbent polymer; and

evaporating the water from the superabsorbent polymer, wherein evaporating the water is facilitated by the use of a fan.

2. (Original) The method of claim 1 wherein the evaporating step is performed in the presence of a heat exchanger.

3. (Original) The method of claim 1 wherein the superabsorbent polymer is an organic cross-linked acrylamide/acrylic acid copolymer.

4. (Original) The method of claim 1 wherein the superabsorbent polymer is added to the wastewater in an amount of from about 2 grams to about 200 grams per liter of wastewater.

5. (Cancelled)

6-12 (Withdrawn)

13. (Currently Amended) A method for generating cool air utilizing superabsorbent polymers, comprising:

providing a perforated top;

placing a superabsorbent polymer that has absorbed water in a space above the top [~~device~~]; and

forcing air through the top across the polymer such that the absorbed water is evaporated.

14. (Original) The method of claim 13 further comprising collecting cool air from a passageway adjacent the top.

15. (Original) The method of claim 13 wherein the superabsorbent polymer is an organic cross-linked acrylamide/acrylic acid copolymer.

16. (Original) The method of claim 13 wherein the water is a wastewater.

17. (Original) The method of claim 16 wherein the wastewater is a wastewater from an animal rearing facility.

18. (New) A method for generating cool air utilizing superabsorbent polymers, comprising:

providing a perforated structure;

placing a superabsorbent polymer in a space adjacent the perforated structure;

absorbing water with the superabsorbent polymer; and

forcing air through the perforated structure such that the absorbed water in the polymer is evaporated.

19. (New) The method of claim 18 further comprising collecting cool air from a passageway adjacent perforated structure.

20. (New) The method of claim 18 wherein the superabsorbent polymer is an organic cross-linked acrylamide/acrylic acid copolymer.

21. (New) The method of claim 18 wherein the water is a wastewater.

22. (New) The method of claim 21 wherein the wastewater is a wastewater from an animal rearing facility.